

Anti-BACE1 antibody (22-322) (STJ29911)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

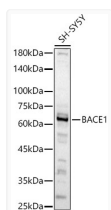
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 56kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

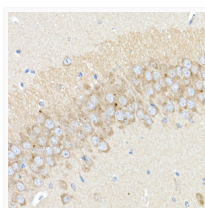
Gene ID	23621
Gene Symbol	BACE1
UniProt ID	BACE1_HUMAN
Immunogen Region	22-322
Immunogen Sequence	TQHGIPLRLPSGLGGAPLGL RLPRETDEEPEEPGRGFSV EMVDNLRGKSGQGYYVEMTV GSPPTLNLVDTGSSNFAV GAAPHPFLHRYRQLSSTY RDLRKGVYVPYTGKWEGL GTDLVSIHPGPNVTVRANIA AITESDKFFINGSNWEGILG LAYAEIARPDSSLEPFDSL VKQTHVPNLFSLQLCGAGFP LNQSEVLASVGGSMIIGGID HSLYTGSLWYTPIRREWYY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 22-322 of human BACE1 (NP_036236.1).

ADDITIONAL INFORMATION

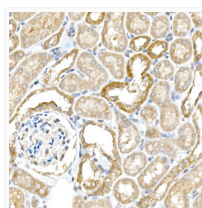
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



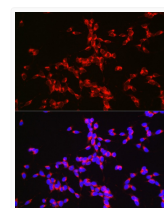
Western blot analysis of SH-SY5Y, using BACE1 antibody (STJ29911) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



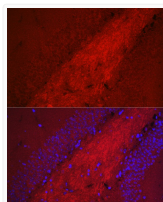
Immunohistochemistry analysis of paraffin-embedded mouse hippocampus using BACE1 rabbit polyclonal antibody (STJ29911) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using BACE1 rabbit polyclonal antibody (STJ29911) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of SH-SY5Y cells using BACE1 rabbit polyclonal antibody (STJ29911) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using BACE1 rabbit polyclonal antibody (STJ29911) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.